

Table 2: Environmental Issues Summary
 Scoping Study -- US 641 Reconstruction from Tennessee State Line to KY 1550 in Murray, KY

Category	Alternate 1 (Eastern)	Alternate 2 (Western)	Alternate 3 (Middle)
General Description	7.04 miles	6.85 miles	6.75 miles
Possible Relocations: (Estimated from 1998 Aerial)	Residential – 8 Commercial – 2	Residential – 8 Commercial – 2	Residential – 40 Commercial – 8
Noise: Number of sites with violations	Noise analysis may be required in future studies	Noise analysis may be required in future studies	Most Residences Affected -- Noise analysis may be required in future studies
Biological Assessment (BA): List Species Last Coordination	67 state and/or federally listed species in Calloway County as listed by the KSNPC web page	67 state and/or federally listed species in Calloway County as listed by the KSNPC web page	67 state and/or federally listed species in Calloway County as listed by the KSNPC web page
UST/Haz Mat Mitigation: Number of UST's facilities (active)	1 UST Facility (BP Station at southwest corner of Glendale Road and US 641)	1 UST Facility (BP Station at southwest corner of Glendale Road and US 641)	1 UST Facility (BP Station at southwest corner of Glendale Road and US 641)
Floodplain: (No rise certification) & FEMA	Middle and East Forks of the Clarks River are within the 100-year floodplain. No Rise Certification and Nationwide 14 Permit Required	Middle Fork of the Clarks River is within the 100-year floodplain. No Rise Certification and Nationwide 14 Permit Required	Middle Fork of the Clarks River is within the 100-year floodplain. No Rise Certification and Nationwide 14 Permit Required
Wetlands: Number Impacted	4	2	2
River/Stream Involvement: Channel changes (Linear ft.) Number of crossings	No Channel Changes are Anticipated 13 Stream or River crossings	No Channel Changes are Anticipated 10 Stream or River crossings	No Channel Changes are Anticipated 11 Stream or River crossings
Permits Needed: 401 WQ 404 WQ Coast Guard Permit	May be required in future May be required in future Not required	May be required in future May be required in future Not required	May be required in future May be required in future Not required
P4(f) / Section 106 Requirements: Archaeology Historic District of Structures Public parks, or recreation etc. Local government coordination	2 Archaeological sites near project limits	2 Archaeological site near project limits	2 Archaeological site near project limits
Forests: Number of wooded areas crossed (estimated from USGS map)	12	10	11
Farmland: (estimated from USGS map)	In between Alternates 2 and 3	most	least

EIS	Environmental Impact Statement	EA	Environmental Assessment
FONSI	Finding Of No Significant Impact	WQ	Water Quality
STIP	State Transportation Improvement Plan	UST	Underground Storage Tank
Haz Mat	Hazardous Materials	FEMA	Flood Emergency Management Agency